





# AAC

## All Aluminum Conductor



Code Name	Size (AWG or kcmil)	Stranding		Diameter (in)		Diameter Complete Conductor (mm/100)	Cross-Sectional Area (in <sup>2</sup> )	Weight (lbs/1000ft)	Rated Strength (lbs)	Resistance (Ohms/1000ft)		Allowable Ampacity+ (Amps)	IMPLOSIVE SLEEVES Corp. Code			Product
		No. of wires	Class	Individual Wires	Complete Conductor					DC @ 20°C	AC @ 75°C		Full Tension Joint	Full Tension Dead-End	Jumper Terminal	
Peachbell	6	7	A	.0612	.184	.467	.0206	25	563	.658	.805	103	F30467	D30467	J30467	
Rose	4	7	A	.0772	.232	.589	.0328	39	881	.414	.506	138	F30589	D30589	J30589	
Iris	2	7	AA, A	.0974	.292	.742	.0522	62	1350	.260	.318	185	F30742	D30742	J30742	
Pansy	1	7	AA	.1093	.328	833	.0657	78	1640	.207	.252	214	F30833	D30833	J30833	
Poppy	1/0	7	AA, A	.1228	.368	935	.0829	99	1990	.164	.200	247	F30935	D30935	J30935	
Aster	2/0	7	AA, A	.1379	.414	1052	.1045	125	2510	.130	.159	286	F31052	D31052	J31052	
Phlox	3/0	7	AA, A	.1548	.464	1179	.1317	157	3040	.103	.126	331	F31179	D31179	J31179	
Oxlip	4/0	7	AA, A	.1739	.522	1326	.1653	198	3830	.0817	.0999	383	F31326	D31326	J31326	
Sneezewort	250	7	AA	.189	.567	1440	.1964	234	4520	.0691	.0846	425	F31440	D31440	J31440	
Valerian	250	19	A	.1147	.574	1458	.1963	234	4660	.0691	.0846	426	F31458	D31458	J31458	
Daisy	286.8	7	AA	.1952	.586	1488	.2095	250	4830	.0648	.0793	443	F31488	D31488	J31488	
Laurel	286.8	19	A	.1185	.592	1504	.2095	250	4970	.0648	.0793	444	F31504	D31504	J31504	
Peony	300	19	A	.1257	.628	1595	.2358	281	5480	.0576	.0706	478	F31595	D31595	J31595	
Tulip	336.4	19	A	.1331	.665	1689	.2644	315	6150	.0514	.0630	513	F31689	D31689	J31689	
Daffodil	360	19	A	.1357	.679	1725	.2748	328	6390	.0494	.0605	526	F31725	D31725	J31725	
Canna	397.5	19	AA, A	.1446	.723	1836	.312	373	7110	.0435	.0534	570	F31836	D31836	J31836	
Goldentuft	450	19	AA	.1539	.769	1953	.3534	422	7890	.0384	.0472	616	F31953	D31953	J31953	
Cosmos	477	19	AA	.1584	.792	2012	.3744	447	8360	.0362	.0445	639	F32012	D32012	J32012	
Syringa	477.0	37	A	.1135	.795	2019	.3744	447	8690	.0362	.0445	639	F32019	D32019	J32019	
Zinnia	500	19	AA	.1622	.811	2060	.3926	469	8780	.0346	.0425	658	F32060	D32060	J32060	
Hyacinth	500	37	AA	.1162	.814	2068	.3924	469	9110	.0346	.0425	658	F32068	D32068	J32068	
Dahlia	556.5	19	AA	.1711	.856	2174	.4369	522	9750	.0311	.0382	703	F32174	D32174	J32174	
Mistletoe	556.5	37	AA	.1226	.858	2179	.4368	522	9940	.0311	.0382	704	F32179	D32179	J32179	
Meadowswel	600	37	AA	.1273	.891	2263	.4709	562	10700	.0228	.0355	739	F32263	D32263	J32263	
Orchid	636.0	37	AA, A	.1311	.918	2332	.4995	596	11400	.0272	.0335	765	F32332	D32332	J32332	
Heuchera	660	37	AA	.1325	.928	2357	.5102	609	11600	.0266	.0328	775	F32357	D32357	J32357	
Verbena	700	37	AA	.1375	.963	2446	.5494	656	12500	.0247	.0305	812	F32446	D32446	J32446	
Flag	700	61	A	.1071	.964	2449	.5495	656	12900	.0247	.0305	812	F32449	D32449	J32449	
Violet	715.5	37	AA	.1391	.973	2471	.5623	671	12800	.0242	.0299	823	F32471	D32471	J32471	
Nasturtium	715.5	61	AA	.1083	.975	2477	.5619	671	13100	.0242	.0299	823	F32477	D32477	J32477	
Petunia	750.0	37	AA	.1424	.997	2532	.5893	703	13100	.0230	.0286	847	F32532	D32532	J32532	
Cattail	750	61	AA	.1109	.998	2535	.5892	703	13500	.0230	.0286	847	F32535	D32535	J32535	
Arbutus	795	37	AA	.1466	1.026	2606	.6245	745	13900	.0217	.0270	878	F32606	D32606	J32606	
Lilac	795.0	61	A	.1142	1.027	2609	.6248	745	14300	.0217	.0270	879	F32609	D32609	J32609	
Cockscomb	900	37	AA	.156	1.092	2774	.7072	844	15400	.0192	.0239	948	F32774	D32774	J32774	
Snapdragon	900	61	AA	.1215	1.093	2776	.7072	844	15900	.0192	.0239	949	F32776	D32776	J32776	
Magnolia	954.0	37	AA	.1606	1.124	2855	.7495	894	16400	.0181	.0226	982	F32855	D32855	J32855	
Goldenrod	954.0	61	A	.1251	1.125	2858	.7496	894	16900	.0181	.0226	983	F32858	D32858	J32858	
Hawkweed	1000	37	AA	.1644	1.151	2924	.7854	937	17200	.0173	.0216	1010	F32924	D32924	J32924	
Camellia	1000	61	AA	.128	1.152	2926	.7849	937	17700	.0173	.0216	1011	F32926	D32926	J32926	
Bluebell	1033.5	37	AA	.1671	1.17	2972	.8114	969	17700	.0167	.0210	1031	F32972	D32972	J32972	
Larkspur	1033.5	61	AA	.1302	1.171	2974	.8122	969	18300	.0167	.0210	1032	F32974	D32974	J32974	
Marigold	1113.0	61	AA, A	.1351	1.216	3089	.8744	1043	19700	.0155	.0195	1079	F33089	D33089	J33089	
Hawthorn	1192.5	61	AA, A	.1398	1.258	3195	.9363	1118	21100	.0145	.0183	1124	F33195	D33195	J33195	
Narcissus	1272.0	61	AA, A	.1444	1.3	3302	.999	1192	22000	.0136	.0173	1169	F33302	D33302	J33302	
Columbine	1351.5	61	AA, A	.1488	1.34	3404	1.0608	1267	23400	.0128	.0163	1212	F33404	D33404	J33404	
Carnation	1431	61	AA, A	.1532	1.378	3500	1.1244	1341	24300	.0121	.0155	1253	F33500	D33500	J33500	
Gladiolus	1510.5	61	A	.1574	1.416	3597	1.1869	1416	25600	.0144	.0147	1294	F33597	D33597	J33597	
Coreopsis	1590.0	61	AA	.1614	1.453	3691	1.248	1490	27000	.0109	.0141	1333	F33691	D33691	J33691	
Jessamine	1750.0	61	AA	.1694	1.524	3871	1.3748	1640	29700	.00988	.0129	1408	F33871	D33871	J33871	
Cowslip	2000.0	91	A	.1482	1.631	4143	1.5697	1875	34200	.00864	.0115	1518	F34143	D34143	J34143	
Sagebrush	2250	91	A	.1572	1.73	4394	1.7692	2130	37500	.00776	.0105	1612	F34394	D34394	J34394	
Lupine	2500.0	91	A	.1657	1.823	4630	1.9623	2366	41900	.00698	.00969	1706	F34630	D34630	J34630	
Bitterroot	2750	91	A	.1738	1.912	4856	2.1589	2603	46100	.00635	.00900	1793	F34856	D34856	J34856	
Trillium	3000	127	A	.1537	1.998	5075	2.3584	2839	50300	.00582	.00834	1874	F35075	D35075	J35075	
Bluebonnet	3500	127	A	.166	2.158	5481	2.7486	3345	58700	.00499	.00756	2024	F35481	D35481	J35481	

# ACAR

## Aluminum Conductor Aluminum Alloy Reinforced



Size (kcmil)	Stranding (EC/6201)	Diameter (in)			Diameter Complete Conductor (mm/100)	Weight (lbs/1000ft)	Rated Strength (lbs)	Resistance (Ohms/1000ft)		Allowable Ampacity+ (Amps)	IMPLOSIVE SLEEVES Corp. Code		
		Individual Wires		Complete Conductor				DC @ 20°C	AC @ 75°C		Full Tension Joint	Full Tension Dead-End	Jumper Terminal
		6201	1350										
355.0	12/7	0.1367	0.1367	0.683	1735	332.1	8500	.0514	.0624	519	F41735	D41735	J41735
465.9	12/7	0.1566	0.1566	0.783	1989	436.8	11000	.0392	.0477	616	F41989	D41989	J41989
503.6	12/7	0.1628	0.1628	0.814	2068	471.1	11900	.0362	.0441	646	F42068	D42068	J42068
653.1	12/7	0.1854	0.1854	0.927	2355	611.0	15400	.0279	.0342	760	F42355	D42355	J42355
739.8	30/7	0.1414	0.1414	0.990	2515	692.7	15300	.0240	.0296	831	F42515	D42515	J42515
739.8	18/19	0.1414	0.1414	0.990	2515	691.6	18800	.0252	.0308	814	F425152	D425152	J425152
853.7	30/7	0.1519	0.1519	1.063	2700	799.3	17500	.0208	.0257	907	F42700	D42700	J42700
853.7	18/19	0.1519	0.1519	1.063	2700	798.0	21500	.0218	.0268	890	F427002	D427002	J427002
927.2	30/7	0.1583	0.1583	1.108	2814	868.2	19000	.0192	.0238	955	F42814	D42814	J42814
927.2	18/19	0.1583	0.1583	1.108	2814	866.7	23400	.0201	.0247	936	F428142	D428142	J428142
1024.5	30/7	0.1664	0.1664	1.165	2959	959.3	20900	.0173	.0216	1015	F42959	D42959	J42959
1024.5	18/19	0.1664	0.1664	1.165	2959	957.7	25800	.0182	.0225	995	F429592	D429592	J429592
1081.0	30/7	0.1709	0.1709	1.196	3038	1012.1	22100	.0164	.0205	1048	F43038	D43038	J43038
1081.0	18/19	0.1709	0.1709	1.196	3038	1010.5	27200	.0172	.0213	1028	F430382	D430382	J430382
1109.0	30/7	0.1731	0.1731	1.212	3078	1038.4	22700	.0160	.0200	1065	F43078	D43078	J43078
1109.0	18/19	0.1731	0.1731	1.212	3078	1036.6	27900	.0168	.0208	1044	F430782	D430782	J430782
1172.0	30/7	0.1780	0.1780	1.246	3165	1097.3	24000	.0152	.0190	1101	F43165	D43165	J43165
1172.0	18/19	0.1780	0.1780	1.246	3165	1095.5	29500	.0159	.0198	1080	F431652	D431652	J431652
1197.0	30/7	0.1799	0.1799	1.259	3198	1120.8	24500	.0148	.0187	1115	F43198	D43198	J43198
1197.0	18/19	0.1799	0.1799	1.259	3198	1118.9	30200	.0156	.0194	1094	F431982	D431982	J431982
1200.0	24/13	0.1800	0.1800	1.261	3202	1123.0	27100	0.0146		1154	F43202	D43202	J43202
1280.0	30/7	0.1860	0.1860	1.302	3307	1198.5	26200	.0139	.0175	1160	F43307	D43307	J43307
1280.0	18/19	0.1860	0.1860	1.302	3307	1196.5	32200	.0146	.0182	1139	F433072	D433072	J433072
1361.0	42/19	0.1494	0.1494	1.344	3414	1273.6	30300	.0133	.0168	1196	F43414	D43414	J43414
1527.0	42/19	0.1582	0.1582	1.424	3617	1428.8	33600	.0118	.0151	1314	F43617	D43617	J43617
1703.0	42/19	0.1671	0.1671	1.504	3820	1593.5	37500	.0106	.0137	1363	F43820	D43820	J43820
1933.0	42/19	0.1780	0.1780	1.602	4069	1808.8	42500	.00936	.0123	1465	F44069	D44069	J44069
2267.0	42/19	0.1928	0.1928	1.735	4407	2142.0	49900	.00806	.0108	1594	F44407	D44407	J44407
2493.0	72/19	0.1655	0.1655	1.821	4625	2356.9	50400	.00722	.0099	1687	F44625	D44625	J44625
2493.0	54/37	0.1655	0.1655	1.821	4625	2354.5	57600	.00743	.0101	1670	F446252	D446252	J446252

# AAAC-6201

## All Aluminum-Alloy Conductor



Code Name	Size (kcmil)	Stranding	Diameter (in)		Diameter Complete Conductor (mm/100)	Cross Sectional Area (in <sup>2</sup> )	Weight per (lbs/1000ft)	Rated Strength (lbs)	Resistance (Ohms/1000R)		Allowable Ampacity+ (Amps)	ACSR With Equivalent Diameter		Approx. EC Conductor with Equivalent Resistance	IMPLOSIVE SLEEVES Corp. Code		
			Individual Wires	Complete Conductor					DC @ 20°C	AC @ 75°C		Size	Stranding AL/St		Full Tension Joint	Full Tension Dead-End	Jumper Terminal
Akron	30.58	7	0.0661	0.198	503	0.0240	28.5	1110	.659	.785	107	6	6/1	6	F50503	D50503	J50503
Alton	48.69	7	0.0834	0.250	635	0.0382	45.4	1760	.414	.483	143	4	6/1	4	F50635	D50635	J50635
Ames	77.47	7	0.1052	0.316	803	0.0608	72.2	2800	.260	.310	191	2	6/1	2	F50803	D50803	J50803
Azusa	123.3	7	0.1327	0.398	1011	0.0968	115.0	4	.163	.195	56	1/0	/1	1/0	F51011	D51011	J51011
Anaheim	155.4	7	0.1490	0.447	1135	0.1221	144.9	5390	.130	.154	296	2/0	6/1	2/0	F51135	D51135	J51135
Amherst	195.7	7	0.1672	0.502	1275	0.1537	182.5	6700	.103	.123	342	3/0	6/1	3/0	F51275	D51275	J51275
Alliance	246.9	7	0.1878	0.563	1430	0.1939	230.2	8560	.0816	.0973	365	4/0	6/1	4/0	F51430	D51430	J51430
Butte	312.8	19	0.1283	0.642	1631	0.2456	291.7	1	.0644	0.0789	460	66.8	26/7	66.8	F51631	D51631	J51631
Canton	394.5	19	0.1441	0.72	1829	0.3099	67.9	13300	.0511	.0610	32	336.4	6/7	336.4	F51829	D51829	J51829
Cairo	465.4	19	0.1565	0.783	1989	0.3655	434.0	15600	.0433	.0518	590	397.5	26/7	397.5	F51989	D51989	J51989
Darien	559.5	19	0.1716	0.858	2179	0.4394	521.7	18800	.0390	.0431	663	477.0	26/7	477.0	F52179	D52179	J52179
Elgin	692.4	19	0.1853	0.927	2355	0.5124	608.4	21900	.0309	.0371	729	556.5	26/7	556.5	F52355	D52355	J52355
Flint	740.8	37	0.1415	0.99	2515	0.5818	90.8	24400	.0272	.0327	90	36.0	6/7	36.0	F52515	D52515	J52515
Greeley	927.2	37	0.1583	1.108	2814	0.7282	864.6	30500	.0217	.0263	908	735.0	26/7	735.0	F52814	D52814	J52814